

Abstract of the Invention

The invention relates to a knife holder for a microtome. The knife holder has a plate arranged pivotably on its base member and arranged, in its functional position covering the cutting edge of the knife, spaced apart from the cutting plane to the side of the knife holder remote from the specimen side, and at the same time spaced apart from the knife holder on the side of the cutting edge of the knife. By this arrangement of the plate, any gripping of the cutting edge of the knife can be precluded in the functional position of this plate. In advantageous embodiment examples of the invention, the pivoting mechanism for the plate is coupled to a switch which has the effect that, when the plate is pivoted out of the functional position, the motor drive of the cutting movement is locked, or that a brake precludes any movement of the knife slide or specimen slide. So that observation of section removal is possible even when the protective device is in the functional position, the plate preferably consists of a transparent material.

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(54) Title: KNIFE-HOLDER FOR A MICROTOME

(54) Bezeichnung: MESSERHALTER FÜR EIN MIKROTOM

(57) Abstract

The invention relates to a knife-holder for a microtome. Said knife-holder has a plate (11) arranged on its base body (1) in such a way that it can pivot. In a functional position in which it covers the cutting edge of the blade, said plate is located on the side of the cutting edge facing away from the knife-holder, at a distance from the cutting plane and, at the same time on the side of the cutting edge of the knife, at a distance from the knife-holder. This arrangement of the plate (11) in its functional position rules out any possibility of access to the cutting edge of the knife (3). In advantageous embodiments of the invention, the pivoting mechanism for the plate (11) is connected to a switch, with the result that when the plate (11) is pivoted out of its functional position, a drive motor mechanism for producing the pivoting movement is blocked or a brake prevents any movement of the knife- or preparation slide. The plate consists preferably of a transparent material so that the sliced material can also be observed when the protective device is in its functional position.

